

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-22 (Cancelled).

Claim 23 (Currently Amended): A camera comprising:
a first lens for performing a magnification operation;
a second lens for correcting movement of a focal plane during movement of said first lens;

lens moving means for independently moving said first and second lenses to be parallel to an optical axis;

extracting means for extracting a high frequency component from a video signal of a photographed object; and

first moving condition switching means for switching a moving condition of said second lens during movement of the first lens so that a high frequency component amount of the video signal changes oscillates.

Claim 24 (Currently Amended): A camera according to claim 23, wherein said first moving condition switching means switches the moving condition of said second lens on the basis of the high frequency component of the video signal.

Claim 25 (Currently Amended): A camera comprising:

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a first lens for performing a magnification operation;
a second lens for correcting movement of a focal plane during movement of said first lens;

lens moving means for independently moving said first and second lenses to be parallel to an optical axis;

extracting means for extracting a high frequency component from a video signal of a photographed object;

second-moving condition switching means for switching the moving condition of said second lens so as to increase or decrease oscillate a high frequency component amount of the video signal ~~on the basis of the high frequency component amount of the video signal~~ during movement of said first lens; and

control means for controlling so that an angle formed between a first synthetic vector between the moving direction of said first lens and the moving direction of said second lens for maintaining the focused condition of said second lens during movement of said first lens and a second synthetic vector based on the moving direction of said first and second lenses prior to switching by said second moving condition switching means is set equal to an angle formed between the first synthetic vector and a third synthetic vector based on the moving directions of said first and second lenses upon switching by said second moving condition switching means.

Claim 26 (Original): A camera according to claim 25, wherein said control means changes a magnitude of the angle formed between the first synthetic vector and the second or third synthetic vector during movement of said first lens in accordance with a focal length.

Claim 27 (Original): A camera according to claim 25, wherein said control means changes a magnitude of the angle formed between the first synthetic vector and the second or third synthetic vector during movement of said first lens in accordance with a depth of field.

Claim 28 (Original): A camera according to claim 25, wherein said control means changes a magnitude of the angle formed between the first synthetic vector and the second or third synthetic vector during movement of said first lens in accordance with an object luminance.

Claim 29 (Currently Amended): A camera comprising:
a first lens for performing a magnification operation;
a second lens for correcting movement of a focal plane during movement of said first lens;

lens moving means for independently moving said first and second lenses to be parallel to an optical axis;

extracting means for extracting a high frequency component from a video signal of a photographed object;

~~third moving condition switching means for switching the moving condition of said second lens so as to increase or decrease oscillate a high frequency component amount of the video signal on the basis of the high frequency component amount of the video signal every time the high frequency component amount of the video signal reaches a predetermined level value during movement of said first lens; and~~

holding means for peak-holding the predetermined level value in accordance with a change in the high frequency component of the video signal; and
hold releasing means for releasing peak holding of the predetermined level value.

Claim 30 (Currently Amended): A camera according to claim 29, wherein said hold releasing means releases peak holding of the predetermined level value when the moving condition of said second lens is switched by said ~~third~~ moving condition switching means.